Title (en)

COMMUNICATING BETWEEN APPARATUS IN THE UNLICENSED SPECTRUM

Title (de)

KOMMUNIKATION ZWISCHEN VORRICHTUNGEN IM UNLIZENZIERTEN SPEKTRUM

Title (fr)

COMMUNICATION ENTRE APPAREILS DANS LE SPECTRE SANS LICENCE

Publication

EP 4162746 A1 20230412 (EN)

Application

EP 20730633 A 20200604

Priority

EP 2020065528 W 20200604

Abstract (en)

[origin: WO2021244747A1] A method of communicating between nodes on a plurality of channels within the unlicensed spectrum is disclosed where coordination of the acquiring of the different channels is provided so that a further channel is acquired prior to the occupancy time of the currently used channel expiring. The method involves determining at one node that a channel in the unlicensed band has been acquired for a predetermined occupancy time. Initiating a scan of at least one further channel within the unlicensed spectrum to determine if a further channel is available. Once a predetermined time has passed and within the predetermined occupancy time, acquiring the available channel by transmitting a signal on it.

IPC 8 full level

H04W 72/04 (2009.01); **H04L 5/00** (2006.01); **H04L 27/00** (2006.01); **H04W 16/14** (2009.01); **H04W 48/16** (2009.01); **H04W 74/00** (2009.01); **H04W 74/08** (2009.01)

CPC (source: EP US)

H04L 5/001 (2013.01 - EP); **H04L 5/0078** (2013.01 - EP); **H04L 5/0091** (2013.01 - EP); **H04L 5/0094** (2013.01 - EP); **H04L 27/0006** (2013.01 - EP); **H04W 16/14** (2013.01 - US); **H04W 48/16** (2013.01 - EP); **H04W 72/23** (2023.01 - EP); **H04W 74/0808** (2013.01 - US); H04W 16/14 (2013.01 - EP); H04W 72/0446 (2013.01 - EP); H04W 74/006 (2013.01 - EP); H04W 74/0808 (2013.01 - EP); H04W 74/0816 (2013.01 - EP)

Citation (search report)

See references of WO 2021244747A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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